

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	715/764.ccls. and interactive near7 graphical near5 element	US-PGPUB; USPAT	OR	ON	2005/11/15 13:17
L2	10	715/764.ccls. and interactive near7 menu	US-PGPUB; USPAT	OR	ON	2005/11/15 13:16
L3	169	graphical near5 element near7 reference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 13:17
L4	59	L3 and (@AD < "20000804" or @PRAD < "20000804")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 13:18
L5	0	L4 and mobile near4 device	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 13:18
L6	23	L4 and application near6 graphic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 13:29
L7	88	715/701.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 13:56
L8	1	L7 and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 13:55
L9	97	715/702.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 13:56

L10	1	L9 and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 13:56
L11	1	(L7 or L9) and mobile near4 device and graphical near2 element	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 13:57
S1	6	("6300947" "6741853" "6247048" "6615212" "6430624" "6421733"). pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/10 09:29
S2	496	graphical near5 element and mobile	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 10:23
S3	75	graphical near5 element and mobile near3 application	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 13:18
S4	31	(graphical near5 element and mobile near3 application) and manag\$5 near5 information	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 10:25
S5	18	"6300947".URPN.	USPAT	OR	ON	2004/09/20 12:02
S6	7	("5726688"   "5727174"   "5765176"   "5835712"   "5983227"   "6023714"   "6100888").PN.	USPAT	OR	ON	2004/09/20 12:02
S7	45	graphical near5 element and mobile and reference same data near5 structure	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 13:44
S8	440	navigat\$3 near6 application and reference same data near5 structure	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 13:45
S9	100	(navigat\$3 near6 application and reference same data near5 structure) and mobile and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 13:46
S10	11	("5764916" "6412009" "6480860" "6463440" "6012098" "6125391" "6167441" "6212640" "6226675" "6535896" "6589291").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 16:13
S11	7496	format same render\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 16:13
S12	796	(format same render\$3 ) and wireless and mobile	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 16:13

S13	437	((format same render\$3 ) and wireless and mobile) and data near5 structure	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 16:14
S14	18	((((format same render\$3 ) and wireless and mobile) and data near5 structure) and graphical near5 element	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 16:14
S15	219	((((format same render\$3 ) and wireless and mobile) and data near5 structure) and graphical	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 16:14
S16	53	((((format same render\$3 ) and wireless and mobile) and data near5 structure) and graphical	USPAT	OR	ON	2004/09/20 16:15
S17	6	daswani.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/20 16:47
S18	2301	mobile and web same navigat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/22 14:41
S19	372	(mobile and web same navigat\$3) and back same forward	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/22 14:41
S20	303	((mobile and web same navigat\$3) and back same forward) and button	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/22 14:42
S21	1	"6480860".pn. and (JavaBean same interface)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/22 15:59
S22	5	"6473609".URPN.	USPAT	OR	ON	2004/09/23 15:42
S23	60	"6300947" "6741853" "6247048" "6615212" "6430624" "6421733"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 09:50
S24	20183	event near5 type	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 11:32
S25	315	mobile near5 (client or device) same request\$3 near6 content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 11:31
S26	18	(mobile near5 (client or device) same request\$3 near6 content) and (event near5 type)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 09:45
S27	90	(mobile near5 (client or device) same request\$3 near6 content) and data near5 structure	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 09:48
S28	7	(mobile near5 (client or device) same request\$3 near6 content) and graphic\$3 near3 element	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 09:48

S29	22	("6300947" "6741853" "6247048" "6615212" "6430624" "6421733") and (back and forward)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 09:51
S30	136	(mobile near5 (client or device) same request\$3 near6 content) and (back and forward)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 10:57
S31	11115	event near5 handl\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 15:27
S32	77	(event near5 handl\$3).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 10:58
S33	24	(mobile near5 (client or device) same request\$3 near6 content) and (event near5 handl\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 11:32
S34	432	(event near5 handl\$3 ) same exception	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 15:27
S35	35	((event near5 handl\$3 ) same exception) and mobile near5 device	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/09/24 15:28
S36	1	"6279121".URPN.	USPAT	OR	ON	2004/09/24 15:54
S37	711	event same enter\$3 near4 (page or url or web or graphic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:31
S38	2	("6269373" "6463565").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/22 16:54
S39	393	S37 and (@AD < "20000804" or @PRAD < "20000804" or @RLAD < "20000804")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/22 17:12
S40	65	S39 and mobile	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/22 17:01
S41	68	event same exit\$3 near4 (page or graphic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/22 17:12
S42	37	S41 and (@AD < "20000804" or @PRAD < "20000804" or @RLAD < "20000804")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:35
S43	2	("5835914" "6353850").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/20 12:22
S44	94	graphical near5 element and mobile near3 application	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:31

S45	87	graphical near4 element near4 attribute	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:35
S46	31	S45 same value	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:30
S47	0	S46 and mobile near4 application	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:30
S48	1	S46 and mobile	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:30
S49	171	mobile and event same enter\$3 near4 (page or url or web or graphic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:31
S50	5	graphical near5 element and S49	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:31
S51	1451	card same graphic and mobile	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:34
S52	392	S51 and display\$3 near5 card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:35
S53	196	S52 and (@AD < "20000804" or @PRAD < "20000804" or @RLAD < "20000804")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:38
S54	12	S53 and graphic\$3 same attribute	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:47
S55	50	HDML near6 card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:38
S56	40	S55 and (@AD < "20000804" or @PRAD < "20000804" or @RLAD < "20000804")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 16:11
S57	0	S56 and graphic\$3 same attribute	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 09:47
S58	0	S56 and graphic\$3 same value	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 16:09
S59	41204	object near4 orient\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 16:10
S60	13172	S59 and attribute	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 16:10

S61	3627	S59 and attribute same element	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 16:10
S62	179	S61 and object same reference near6 service	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/17 16:11
S63	113	S62 and (@AD < "20000804" or @PRAD < "20000804" or @RLAD < "20000804")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/20 12:22
S64	44	S63 and mobile	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/20 12:20
S65	13761	((radion near2 button) or (check near3 list) or (pull near3 down near4 menu))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/20 12:20
S66	16	S65 same mobile near5 display	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/20 12:21
S67	9	S66 and (@AD < "20000804" or @PRAD < "20000804" or @RLAD < "20000804")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/20 12:23
S68	44	("5835914" "6353850")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/20 12:23
S69	42	S68 and (@AD < "20000804" or @PRAD < "20000804" or @RLAD < "20000804")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/20 12:23
S70	2726	event near3 object same application	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 09:36
S71	168	S70 and mobile near4 device	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:43
S72	51	S71 and (@AD < "20000804" or @PRAD < "20000804" or @RLAD < "20000804")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 09:32

S73	28	S71 and (@AD < "20000804" or @PRAD < "20000804")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 09:37
S74	862	event near3 object same application and event near4 type	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 09:37
S75	132	S74 and (wireless or mobile) and graphic\$3 near6 (display or element)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 09:37
S76	63	S75 and (@AD < "20000804" or @PRAD < "20000804")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:45
S77	35	S76 and event near6 handler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 09:58
S78	4	S77 and mobile near4 device	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:40
S81	1060	event near4 object same event near3 type	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:44
S82	44	S81 and mobile near4 device	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:47

S83	3	S82 and (@AD < "20000804" or @PRAD < "20000804")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:47
S84	34889	(predetermin\$3 or pre-determin\$3) near8 event	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:47
S85	243	S81 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:47
S86	125	S85 and (@AD < "20000804" or @PRAD < "20000804")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 13:17
S87	0	S86 and mobile near4 device	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:47
S88	16	S86 and mobile	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:53
S89	9	event near6 type near7 invoc\$3 near6 application near6 function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:55
S90	10	event near7 invoc\$3 near6 application near6 function same messag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 11:01



S91	61095	"709"/\$.ccls. or "715"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 11:00
S92	717	S91 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 11:00
S93	1772	S91 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 11:00
S94	27	S91 and event near7 invoc\$3 near6 application near6 function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 11:09
S95	36	"6292657" "6301471" "6526439"	US-PGPUB; USPAT	OR	ON	2005/11/10 11:09
S96	3	("6292657" "6301471" "6526439").pn.	US-PGPUB; USPAT	OR	ON	2005/11/10 11:22
S97	3569	709/217.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/10 11:23
S98	2833	709/227.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/10 11:23
S99	757	715/700.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/10 11:23
S10 0	956	715/764.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/15 12:58
S10 1	0	(S97 or S98 or S99 or S100) and event adj2 type near6 predetermined adj4 event adj2 type	US-PGPUB; USPAT	OR	ON	2005/11/10 11:24



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### 161 [Adapting the web interface: an adaptive web browser](#)

K. Henricksen, J. Indulska

 January 2001 **Australian Computer Science Communications , Proceedings of the 2nd Australasian conference on User interface AUIC '01**, Volume 23 Issue 5

Publisher: IEEE Computer Society , IEEE Computer Society Press

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Jacob Eisenstein, Jean Vanderdonckt, Angel Puerta

 January 2001 **Proceedings of the 6th international conference on Intelligent user interfaces**

Publisher: ACM Press

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 December 2000 **Mobile Networks and Applications**, Volume 5 Issue 4

Publisher: Kluwer Academic Publishers

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Dan R. Olsen, Sean Jefferies, Travis Nielsen, William Moyes, Paul Fredrickson

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[A situated computing framework for mobile and ubiquitous multimedia access using small screen and composite devices](#)


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 Alan Dix, Tom Rodden, Nigel Davies, Jonathan Trevor, Adrian Friday, Kevin Palfreyman  
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Issue 3  
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 Albrecht Schmidt, Henning Schröder, Oliver Frick  
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- 174 Charting past, present, and future research in ubiquitous computing   
Gregory D. Abowd, Elizabeth D. Mynatt



March 2000 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 7 Issue 1

**Publisher:** ACM Press

Full text available: pdf(730.83 KB)

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Sharon Oviatt, Philip Cohen

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Brad Myers, Scott E. Hudson, Randy Pausch

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**Publisher:** ACM Press

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Steinar Kristoffersen, Fredrik Ljungberg

November 1999 **Proceedings of the international ACM SIGGROUP conference on Supporting group work**

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Todd D. Hodes, Randy H. Katz

October 1999 **Wireless Networks**, Volume 5 Issue 5

**Publisher:** Kluwer Academic Publishers

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Elisa del Galdo, Tony Rose

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**180** Non-keyboard QWERTY touch typing: a portable input interface for the mobile user



Mikael Goldstein, Robert Book, Gunilla Alsö, Silvia Tessa

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## Device independent text input: a rationale and an example

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### ↑ ABSTRACT

Individual characters and text are the main inputs in many computing devices. Currently there is a growing trend in developing small portable devices like mobile phones, personal digital assistants, GPS-navigators, and two-way pagers. Unfortunately these portable computing devices have different user interfaces and therefore the task of text input takes many forms. The user, who in the future is likely to have several of these devices, has to learn several text input methods. We argue that there is a need for a universal text input method. A method like this would work on a wide range of interface technologies and allow the user to transfer his or her writing skill without device-specific training. To show that device independent text input is possible, we present a candidate for a device independent text entry method that supports skill transfer between different devices. A limited longitudinal study was conducted to achieve a proof of concept evaluation of our Minimal Device Independent Text Input Method (MDITIM). We found MDITIM writing skill acquired with a touchpad to work almost equally well on mouse, trackball, joystick and keyboard without any additional training. Our test group reached on average 41% of their handwriting speed by the end of the tenth 30-minute training session.

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